to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp; and

a circuit board having said oscillator mounted thereon, wherein said circuit board mounts said oscillator within a volume having a cross-section which is substantially the same as a cross-section of said lamp envelope.

8
~~30.~~ (Amended) A module for driving a gas discharge lamp having an envelope in response to electrical power from a source, said module comprising:

means for receiving power from the source;

an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp; and

a circuit board having said oscillator mounted thereon, wherein said circuit board is contained in a housing attached to said lamp, wherein said housing has a cross-section which is substantially the same as a cross-section of said lamp envelope.

9 8
~~31.~~ (Amended) A module in accordance with claim ~~30~~, wherein said envelope contains heater elements.

10 9
~~32.~~ (Amended) A module in accordance with claim ~~31~~, wherein said oscillator output signal is coupled to said heater elements.

11 10
~~33.~~ (Amended) A module in accordance with claim ~~32~~, said module further

comprising means for attaching said oscillator to said heater elements.

12 11

~~34~~. (Amended) A module in accordance with claim ~~33~~, wherein said attaching means comprises:

an output transformer having an array of pins and a plurality of leads connecting to said heater elements; and

a receptacle mounted on said circuit board for receiving said array of pins of said output transformer.

3

Please add the following new claims:

13

~~35~~. (New) A module for driving a gas discharge lamp in response to electrical power from a source, said module comprising:

means for receiving power from the source;

an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp, wherein said lamp comprises an envelope; and

a circuit board having said oscillator mounted thereon, wherein said circuit board is integrally attached to said lamp and said circuit board mounts said oscillator within a volume having a cross-section which is substantially the same as a cross-section of said lamp envelope.

14 13

~~36~~. (New) A module in accordance with claim ~~35~~, wherein said circuit board is attached externally to said lamp.

15 13

~~37~~. (New) A module in accordance with claim ~~35~~, wherein said circuit board is attached internally to said lamp.

16 13

~~38~~. (New) A module in accordance with claim ~~35~~, wherein said envelope contains heater elements.

17 16

~~39~~. (New) A module in accordance with claim ~~38~~, wherein said oscillator output signal is coupled to said heater elements.

18 17

~~40~~. (New) A module in accordance with claim ~~39~~, said module further comprising means for attaching said oscillator to said heater elements.

19 18

~~41~~. (New) A module in accordance with claim ~~40~~, wherein said attaching means comprises:

an output transformer having an array of pins and a plurality of leads connecting to said heater elements; and

a receptacle mounted on said circuit board for receiving said array of pins of said output transformer.

20 13

~~42~~. (New) A module in accordance with claim ~~35~~, wherein the power source produces standard A.C. power, said module further including means mounted on said circuit board for converting said received power for actuating said oscillator.

21

~~43~~. (New) A module in accordance with claim ~~35~~ 13, wherein the power source produces D.C. power, said module further including means for actuating said oscillator from said received power from the D.C. source.

22

~~44~~. (New) A module for driving a gas discharge lamp in response to electrical power from a source, said module comprising:

means for receiving power from the source;

an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp, wherein said lamp comprises an envelope; and

a circuit board having said oscillator mounted thereon, wherein said circuit board is contained in a housing, said housing integrally attached to said lamp, and said housing has a cross-section which is substantially the same as a cross-section of said lamp envelope.

23 22

~~45~~. (New) A module in accordance with claim ~~44~~, wherein said housing containing said circuit board is attached externally to said lamp.

24 22

~~46~~. (New) A module in accordance with claim ~~44~~, wherein said housing containing said circuit board is attached internally to said lamp.

25 22

~~47~~. (New) A module in accordance with claim ~~44~~, wherein said envelope contains heater elements.

24 25

~~48~~. (New) A module in accordance with claim ~~47~~, wherein said oscillator output signal is coupled to said heater elements.

27 24

~~49~~. (New) A module in accordance with claim ~~48~~, said module further comprising means for attaching said oscillator to said heater elements.

24 27

~~50~~. (New) A module in accordance with claim ~~49~~, wherein said attaching means comprises:

an output transformer having an array of pins and a plurality of leads connecting to said heater elements; and

a receptacle mounted on said circuit board for receiving said array of pins of said output transformer.

29 22

~~51~~. (New) A module in accordance with claim ~~44~~, wherein the power source produces standard A.C. power, said module further including means mounted on said circuit board for converting said received power for actuating said oscillator.

30 22

~~52~~. (New) A module in accordance with claim ~~44~~, wherein the power source produces D.C. power, said module further including means for actuating said oscillator from said received power from the D.C. source. – –